

## Abstract

A method and a computer system for operating at least two interconnected control units (2, 3). The control units (2, 3) access sensor data (x1, ... x5) and each execute at least one computer program for controlling operational sequences, in particular in a vehicle. The control units (2, 3) exchange synchronization information with one another. In order to design and refine a computer system in a way that will enable even especially complex operational sequences, as required in a modern motor vehicle, for example, to be controlled and/or regulated simply and cost-effectively with the aid of the computer system, using conventional control units (2, 3), it is proposed that the control units (2, 3) execute the same computer program time-synchronously using a settable time lag (80). (Figure 8)